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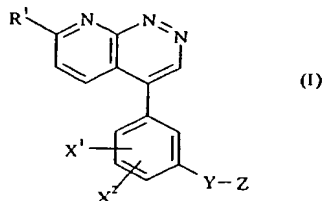
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(54) Title: SUBSTITUTED PYRIDO-PYRIDAZINE DERIVATIVES WHICH ENHANCE COGNITION VIA THE GABA-A RE-
CEPTOR



(57) Abstract: The present invention discloses a compound of formula I, or a pharmaceutically acceptable salt thereof: wherein X¹ represents hydrogen, halogen, C₁₋₆ alkyl, trifluoromethyl or C₁₋₆ alkoxy; X² represents hydrogen or halogen; Y represents a chemical bond, an oxygen atom, or a -NH- linkage; Z represents an optionally substituted aryl or heteroaryl group; R¹ represents hydrogen, hydrocarbon, a heterocyclic group, halogen, cyano, trifluoromethyl, nitro, -OR^a, -SR^a, -SOR^a, -SO₂R^a, -SO₂NR^aR^b, NR^aR^b, -NR^aCOR^b, -NR^aCO₂R^b, -COR^a, -CO₂R^a, -CONR^aR^b or -CR^a&=NOR^b; and Ra and Rb independently represent hydrogen, hydrocarbon or a heterocyclic group; a pharmaceutical composition comprising it; its use in a method of treatment; use of it to manufacture a medicament; and a method of using it to prevent or treat anxiety, convulsions or cognitive disorders.